

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (canceled)

Claim 10 (currently amended) A computer-implemented system for improving the efficiency of a medical service provider comprising:

a local computer operationally connected to a network of computers, wherein said local computer is used for data input and retrieval;

a relational database, wherein said relational database is operationally connected to said local computer and receives industry specific data input and requests for data from said local computer;

a server computer wherein said server computer is operationally connected to said relational database and said local computer, wherein said server computer is capable of being accessed by multiple computers through said network; and,

application software designed for inclusionary data entry, data retrieval and report generation, wherein said inclusionary data is generated by a patient examination whereby said medical service provider selects data from hierarchical menus to create a full accounting of said patient visit and medical history, including but not limited to, detailed hierarchical menus in the areas of patient demographic information, current complaint, findings or diagnosis, past medical history, past surgical history, family history, physical examination and wherein said report generation is accomplished by accessing said relational database and the inclusionary data stored thereon and wherein said report generation may include a medical report and a billing report.

Claim 11 (canceled)

Claim 12 (currently amended) The computer-implemented system of Claim 10 wherein said local computer is at any location which has http access to the world wide web~~located in a hospital.~~

Claim 13 (canceled)

Claim 14 (canceled)

Claim 15 (canceled)

Claim 16 (canceled)

Claim 17 (canceled)

Claim 18 (currently amended) The computer-implemented system of Claim 10 wherein said system is capable of being integrated with modular software components for billing, pharmacy integration, document imaging and security.

Claim 19 (original) The computer-implemented system of Claim 10 wherein said network can be a local area network, wide area network or a global network of computers.

Claim 20 (currently amended) The computer-implemented system of Claim 10 wherein said application software is further designed to provide security to generated data and processes according to a hierarchiacal access control. ~~restrict access to system files according to a hierarchical file access control.~~

Claim 21 (canceled)

Claim 22 (original) The computer-implemented system of Claim 10 wherein said application software is further designed to include a scheduler which is capable of providing data to a system user at a pre-appointed time and place.

Claim 23 (original) The computer-implemented system of Claim 10 wherein said application software report generation capability also includes report generation for statistical analysis of all or a portion of the data in said relational database.

Claim 24 (currently amended) The computer-implemented system of Claim 10 wherein said application software utilizes an automatic diagnosis tool to take information entered by a system user in current or previous visits and group the appropriate elements into a pool of test results, and findings, etc., that will in turn generate a proposed and suggested final outcome that can be modified by said system user.

Claims 25- 32 (canceled)

Claim 33 (currently amended) An internet based computer-implemented system for improving the efficiency of a medical service provider comprising:

a local computer, wherein said local computer is used for data input and retrieval;
a relational database, wherein said relational database is operationally connected to said local computer and receives data input and requests for data from said local computer;
a server computer wherein said server computer is operationally connected to said relational database and said local computer; and,
application software designed for inclusionary data entry, data retrieval and report generation, wherein said inclusionary data is generated by a patient examination whereby said medical service provider selects data from hierarchical menus to create a full accounting of said patient visit and medical history, including but not limited to, detailed hierarchical menus in the areas of patient demographic information, current complaint, findings or diagnosis, past medical history, past surgical history, family history, physical examination and wherein said report generation is accomplished by accessing said relational database and the inclusionary data stored thereon.

Claim 34 (canceled)

Claim 35 (currently amended) The computer-implemented system of Claim 33 wherein said system capable of being integrated with modular software components for billing, pharmacy integration and security;

Claim 36 (currently amended) A computer-implemented system of Claim 33 wherein said local computer is at any location which has http access to the world wide web.~~located in a hospital.~~

Claim 37 (canceled)

Claim 38 (canceled)

Claim 39 (canceled)

Claim 40 (canceled)

Claim 41 (canceled)

Claim 42 (currently amended) The computer-implemented system of Claim 33 wherein said application software is further designed to provide security to generated data and processes according to a hierarchical access control. ~~restrict access to system files according to a hierarchical file access control.~~

Claim 43 (canceled)

Claim 44 (original) The computer-implemented system of Claim 33 wherein said application software is further designed to include a scheduler which is capable of providing data to a system user at a pre-appointed time and place.

Claim 45 (original) The computer-implemented system of Claim 33 wherein said application software report generation capability also includes report generation for statistical analysis of all or a portion of the data in said relational database.

Claim 46 (currently amended) The computer-implemented system of Claim 33 wherein said application software utilizes an automatic diagnosis tool to take information entered by a system user in current or previous visits and group the appropriate elements into a pool of test results, and findings, etc., that will in turn generate a proposed and suggested final outcome that can be modified by said system user.

Claims 47 – 53 (canceled)

Claim 54 (currently amended) A method for improving the efficiency of a medical service provider comprising:

acquiring data to be input utilizing an inclusionary method, wherein said data is generated by a patient examination;

inputting inclusionary data into a relational database wherein said inclusionary data is selected from hierarchical menus by said medical service provider to create a full accounting of said patient visit and medical history, including but not limited to, detailed hierarchical menus in the areas of patient demographic information, current complaint, findings or diagnosis, past medical history, past surgical history, family history, and physical examination;

processing data, wherein said processing is accomplished by a software application designed for inclusionary data entry, data retrieval and report generation, said report generation accomplished by accessing said relational database and the inclusionary data stored thereon; accessing the data via a non-platform specific browser; and, generating reports from the data at the request of said software application, wherein said report generation is performed in a standardized, pre-formatted manner.

Claim 55 (original) The method of Claim 54, wherein said method employs an additional step of generating billing with specific diagnostic codes.

Claim 56 (original) The method of Claim 54, wherein said medical service provider is a hospital.

Claim 57 (original) The method of Claim 54, wherein said medical service provider is a doctor's office.

Claim 58 (original) The method of Claim 54, wherein said medical service provider is a rehabilitation center.

Claim 59 (original) The method of Claim 54, wherein said medical service provider is a diagnostic center.

Claim 60 (original) The method of Claim 54, wherein said medical service provider is an extended living facility.

Claim 61 (original) The method of Claim 54, wherein said medical service provider is a nursing home.

Claim 62 (currently amended) The method of Claim 54 wherein said data retrieval and accessing the data are designed to provide security to generated data and processes according to a hierarchical access control. ~~governed by a hierarchical file access control.~~

Claim 63 (canceled)

Claim 64 (original) The method of Claim 54 wherein said processing data further includes

providing data to a system user at a pre-appointed time and place.

Claim 65 (original) The method of Claim 54 wherein said report generation includes statistical analysis of all or a portion of the data in said relational database.

Claim 66 (currently amended) The method of Claim 54 wherein said processing takes information entered by a system user in current or previous visits, groups the appropriate elements into a pool of test results, and findings, etc., and generates a proposed and suggested final outcome that can be modified by said system user.

Claim 67 (currently amended) A computer-readable medium storing computer executable instructions for performing the steps of:

acquiring data to be input utilizing an inclusionary method;
inputting inclusionary data into a relational database wherein said inclusionary data is selected from hierarchical menus by said medical service provider to create a full accounting of said patient visit and medical history, including but not limited to, detailed hierarchical menus in the areas of patient demographic information, current complaint, findings or diagnosis, past medical history, past surgical history, family history, and physical examination;
processing data, wherein said processing takes information entered by a system user, groups the appropriate elements into a pool of test results and findings;
accessing the data via a non-platform specific browser; and,
generating reports from the data at the request of said executable instructions, wherein said report generation is performed in a standardized, pre-formatted manner and said executable instructions are designed to restrict access to system files according to pre-defined workflow constraints creating a hierarchical file access control and to provide billing with specific diagnostic codes.

Claim 68 (canceled)

Claim 69 (canceled)

Claim 70 (canceled)

Claim 71 (original) The computer readable medium of Claim 67 wherein said executable

instructions are further designed to provide data to a system user at a pre-appointed time and place.

Claim 72 (original) The computer readable medium of Claim 67 wherein said executable instructions are further designed to provide statistical analysis of all or a portion of the data in said relational database.

Claim 73 (canceled)